



# DECEMBER 2003 ENGINEERING AND RELATED SERVICES SOLICITATION

**SOLICITATION CONCLUDED: DECEMBER 10, 2003**

A = Estimated Consultant Contract cost < \$100,000

BEES 1B NOI DUE: JANUARY 14, 2004

B = Estimated Consultant Contract cost > \$100,000 but less than \$1,000,000

C = Local Unit of Government Selects Consultant

**\*\* Open to all firms**

D = Estimated Consultant Contract cost > \$1,000,000

**Concept Definition Reports or Scope of Service narratives are included as supplements to this solicitation. They are current at the time of Internet publication but are subject to change. Click on the PROJECT ID for more detail.**

DISTRICT & SOLICITATION #	PROJECT ID	ANTICIPATED CONSTRUCTION COST	ANTICIPATED SELECTION DATE	ANTICIPATED PROJECT START DATE	ANTICIPATED PROJECT COMPLETION DATE	DBE GOAL ? (Yes or No)	LOCAL SELECTION? (Yes or No)	CONTACT PERSON	TELEPHONE #
<b>DISTRICT 1</b>									
D1 1A	<a href="#">2004-01-05**</a>	N/A	3-Dec-30	1-Mar-04	31-Dec-04	No	No	John Voorhees	(608) 246-5337
<b>DISTRICT 2</b>									
D2 1B	<a href="#">2230-01-00</a>	\$ 5,500,000	2-Jan-04	15-Feb-04	1-Sep-06	Yes	No	Al Gilbertson	(262) 548-8817
D2 2B	<a href="#">2140-10-00</a>	\$ 1,200,000	1-Dec-03	1-Feb-04	14-Jun-05	Yes	No	Karl Pierce	(262) 521-5452
<b>DISTRICT 5</b>									
D5 1C	<a href="#">5991-02-39</a>	\$ 700,000	13-Jan-04	1-May-04	1-Oct-05	No	Yes	Ron Lund	(608) 781-9537
D5 2C	<a href="#">5325-07-02</a>	\$ 150,000	13-Jan-04	1-Mar-04	1-Sep-04	No	Yes	David Pugh	(608) 624-5653
<b>BUREAU OF EQUITY AND ENVIRONMENTAL SERVICES</b>									
BEES 1B	<a href="#">1000-XX-XX**</a>	N/A	20-Feb-04	01-Mar-04	28-Feb-06	No	No	Shirley Stathas	(608) 266-8216
BEES 2B	<a href="#">0601-XX-XX</a>	N/A	1-Jan-04	1-Feb-04	1-Dec-05	No	No	Wendy Braun	(608) 261-0446
<b>BUREAU OF STRUCTURES</b>									
BOS 1B	<a href="#">1009-03-16**</a>	N/A	10-Jan-04	1-Feb-04	1-Jul-05	No	No	David Genson	(608) 266-8491



## DECEMBER 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### TRANSPORTATION DISTRICT 1

#### Scope of Service Narratives:

**D1 1A Open to all firms Use the DT1819 NOI Open to All Firms created for this solicitation**

**Project ID: 2004-01-05**

Master Contract

The Madison Transportation District will award two master contracts for field delineation of wetland boundaries for highway design and construction projects. The solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The work includes providing all necessary services and equipment to verify, identify, delineate, locate and stake wetland boundaries in the field as outlined by Technical Report Y-87-1, Corps of Engineers Wetlands Delineation manual published January 1987. The wetlands must be classified according to the WisDOT Wetland Mitigation Banking Technical Guideline (March 2002). The consultant will be required to coordinate with WisDOT or Consultant surveyors for contract timing and locating wetland boundary stakes. The consultant may be required to notify property owners prior to beginning their work.

Proof of education, training, certification or other work experience in this field is required and will be provided by using the Consultant Solicitation Open to All Firms Notice of Interest, for DT 1819.

For more information, contact John Voorhees at (608) 246-5337.



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### TRANSPORTATION DISTRICT 2

#### Scope of Service Narratives:

##### **D2 1B**

**Project ID: 2230-01-00**

Greenfield Avenue (STH 59)

STH 164 to CTH Y

Waukesha County

Greenfield Avenue (STH 59) from STH 164 to Barker Road is being converted from a 2-lane rural section to a 4-lane urban section with a 30 foot median. This project will correct deficient vertical curves and includes storm sewer and storm water detention ponds. This plan is at 60 percent. The environmental document, pavement design report, design study report and right of way plat have all been completed.

For more information, contact Al Gilbertson at (262) 548-8817.

##### **D2 2B**

**Project ID: 2140-10-00**

STH 181 (Wauwatosa Road)

Bridge and West Road Intersections

Ozaukee County

Existing intersections are operating at a low level of service and need operational improvements. Scope will include signalization of existing intersections and addition/maximization of turning lane storage length with little or no right of way acquisition. For more information, contact Karl Pierce at (262) 521-5452.



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### TRANSPORTATION DISTRICT 5

#### Scope of Service Narratives:

##### **D5 1C Use NOI for local selection created for this project**

**Project ID: 5991-02-39**

12<sup>th</sup> Avenue South, City of Onalaska  
(CTH SS Northerly 0.9 Miles to Green Street)  
Local Street  
La Crosse County

#### **Project Scope:**

The project scope is a full service design contract for this 0.9-mile reconstruction of the existing roadway from flag of curb to flag of curb. Replacing the existing base and surface with new CABC and asphaltic pavement. There will be spot replacement of curb and gutter, and accommodation will be made for bicycle/pedestrian use. Roadway will be closed to traffic during the day and open to traffic at night.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, subsurface investigations, hazardous materials investigation, Type III environmental document (2-ER), pavement design, design study report, agency and utility coordination, public involvement, survey, traffic control, roadway plan preparation, quantities and estimate, and special provisions for the roadway.

For more information, contact Ron Lund, Onalaska City Engineer at (608) 817-9537.

##### **D5 2C Use NOI for local selection created for this project**

**Project ID: 5325-07-02**

Orchard View Road, Town of Clayton  
Realignment & Reconstruct 500-feet (Hazard Eliminations Safety)  
Crawford County

#### **Project Scope:**

The project scope is a full service design contract for this 500-foot realignment and reconstruction of the existing roadway. The existing box culvert will be replaced. The new roadway will consist of CABC surface. The roadway will remain open to traffic during construction.

#### **Work to be completed by the Consultant:**

Work to be completed by the consultant includes; preliminary and final roadway design, hydraulic analysis, subsurface investigations, hazardous materials investigation, Type III environmental document (pER), pavement design, design study report, agency and utility coordination, public involvement, survey, roadway and structure plan preparation, quantities and estimate, and special provisions for the roadway and structure.

For more information, contact David Pugh, Sr., Town of Clayton Foreman at (608) 624-5653.



## DECEMBER 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### DIVISION OF TRANSPORTATION INFRASTRUCTURE DEVELOPMENT - BUREAU OF EQUITY AND ENVIRONMENTAL SERVICES (BEES)

#### Scope of Service Narratives:

**BEES 1B Open to all Use NOI created especially for this solicitation NOI DUE Jan. 14, 2004**

**Project ID: 1000-XX-XX**

Statewide Master Contract

The Bureau of Equity and Environmental Services is seeking the services of professional archaeological CONSULTANTS to conduct investigations for transportation projects. In many instances, services will be required on short notice and within a limited timeframe. The consultant may also be requested to conduct studies for historic buildings and structures. Two master contracts will be awarded.

This project is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The work shall consist of conducting archaeological investigations, laboratory analysis, report preparation, and the preparation of Determination of Eligibility, data recovery plans, documentation for consultation reports, memorandum of agreements, and other documents which are necessary for the discovery and mitigation of historic properties that may be affected by a WisDOT transportation project.

Services provided shall meet the requirements of Section 106 of the National Historic Preservation Act of 1966; 36 CFR 800: (Effective January 11, 2001); the Archeological and Historic Preservation Act of 1974; the Wisconsin Environmental Policy Act; the Wisconsin Historic Preservation Statutes, Chapter 44, the Wisconsin Archeological Survey Guidelines for Public Archeology in Wisconsin, As Revised; the Secretary of the Interior's Standards and Guidelines; the Wisconsin Cultural Resource Management Plan, and the Wisconsin Burial Law.

#### **The work shall consist of the following activities:**

- Conduct studies within the geographic area of responsibility for WisDOT within the project's area of potential effect. All work will be done in specified timeframes
- Conduct literature and archival research
- Conduct studies for prehistoric and historic archaeological sites and, upon request, for historic buildings and structures
- Conduct methodology specified in appropriate protocol and provide burial treatment when human remains are encountered
- Conduct identification and evaluation surveys
- Conduct data recovery
- Conduct artifact analysis, curation of artifacts
- Prepare appropriate reports of findings
- Prepare Determination of Eligibility for the National Register of Historic Places
- Prepare Documentation for Consultation reports required by the Advisory Council on Historic Preservation
- Prepare data recovery plan
- Provide services on short notice.
- Provide all material, equipment, supplies, labor, transportation and services required to accomplish the required work.
- Provide a principal investigator for each project who shall have responsibility for all work conducted and shall be point of contact with BEES.



## DECEMBER 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### BUREAU OF EQUITY AND ENVIRONMENTAL SERVICES (BEES) cont.

#### QUALIFICATIONS:

Consultant shall be familiar with Section 106 of the National Historic Preservation Act, 36CFR 800 (Effective January 11, 2001). All archaeological and historic preservation work conducted pursuant to this agreement shall be carried out by or under the supervision of a person or persons meeting at a minimum the Secretary of the Interior's Professional Qualifications Standards, as published in 36 CFR Part 61, in the field of architectural history, and the Secretary of the Interior's Professional Qualifications Standards and the Wisconsin Archaeological Survey Guidelines for Public Archaeology, as Revised [1997]. These guidelines include field research, analysis, report preparation, and curation.

See Special Solicitation Page at this URL

<http://www.dot.wisconsin.gov/business/engrserv/causpecialsol.htm> for more detail and the NOI.

For more information, contact Shirley Stathas at (608) 266-8216 or [shirley.stathas@dot.state.wi.us](mailto:shirley.stathas@dot.state.wi.us).

### BEES 2B Use Special Consultant Solicitation NOI DT1820

**Project ID: 0601-XX-XX**

Statewide Master Contract

This statewide master contract shall consist of work to comply with the "DOT/DNR Cooperative Agreement Attachment A4 Memorandum of understanding by and between the Wisconsin Department of Natural Resources and the Wisconsin Department of Transportation relating to the Authorization of Storm water discharges to the waters of the State of Wisconsin", Part IV(C)(1) and Part V(A).

Specific tasks include:

Retrieve and Prepare WisDOT drainage facility mapping as required by the Cooperative Agreement.

Coordinate mapping retrieval and research with municipalities.

Provide drainage facility mapping utilizing GIS in compatible format as WisDOT Arc View inventory attribute data.

Field screen WisDOT major outfalls for illicit discharges.

Provide WisDOT and WDNR with any illicit discharge field screening within 24 hrs of discovery.

In conjunction with WisDOT, coordinate with WDNR.

The work for this contract will include WisDOT jurisdictional highways within NPDES Phase II communities.

For more information, contact: Wendy Braun (608) 261-0446.



## DECEMBER 2003 DESIGN ENGINEERING AND RELATED SERVICES SOLICITATION

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### DIVISION OF TRANSPORTATION INFRASTRUCTURE DEVELOPMENT - BUREAU OF STRUCTURES (BOS)

#### Scope of Service Narratives:

**BOS 1B Open to all firms Use the DT1819 NOI Open to All Firms created for this solicitation**

**Project ID: 1009-03-16**

Structural and Hydraulic Engineering review services

Two contracts will be awarded

The department is soliciting engineering services to perform the review of hydrologic, hydraulic, and structural analysis; the review of preliminary structure plans; hydraulic analysis of existing structure and structure evaluation/sizing. In addition, the review of some final structure design, plans, and special provisions may be required. The solicitation is open to consultants who are NOT on the WisDOT's Roster of Eligible Consultants as well as to those who are. Consultants selected will be required to either submit or have on file with WisDOT a Consultant Financial Report prior to contract execution. Information on the report may be found at <http://www.dot.wisconsin.gov/business/engrserv/caufinancial.htm>.

The scope of services includes:

- Review of hydrologic analyzes and providing concurrence on specified design flows,
- Review of hydraulic analyzes, including scour analysis, for existing and proposed conditions,
- Analysis and review of preliminary structure plans – including the type, size, & location of proposed structure, selected foundation type, and adherence to federal funding rules,
- Provide hydrologic and hydraulic guidance,
- Coordinate project with other agencies,
- Provide project data/file management,
- Acceptance of exceptions to structural standards & policies,
- Review, assess, and track structure review submittals,
- Review final structure plans and special provisions, in some cases, and
- Perform hydraulic analysis of existing structures and structure evaluation/sizing.

It is anticipated that the selected firm will locate an engineer for 2 to 3 days per week, on average, in the Wisconsin Department of Transportation's structures design office at the Hill Farms State Transportation Building, Madison, WI. The department will provide a furnished office area, computer hardware, and public domain hydraulic modeling software.

Qualified firms will possess skills and extensive experience in hydrologic analysis; hydraulic modeling and analyzes – including scour analysis; hydraulic modeling software, including HEC-RAS, HEC-2, WSPRO, HY8; preliminary structure plan development; structural bridge and box culvert design; structural load rating; structural specifications and special provisions; and structure plan detailing. A comprehensive knowledge of the Wisconsin Department of Transportation Bridge Manual, along with floodplain laws and regulations is required.

Consideration will be given to these services being provided at a remote site, if a complete implementation plans for this work is presented and can adequately address: coordination, file back-up, data/file transfer & storage, and Department of Transportation oversight.

For more information, please contact David Genson, Structures and Hydraulics Supervisor, at (608) 266-8491.